

What is claimed is:

1. A network administration system for automatically activating and deactivating
5 dynamic rule sets in response to receipt of error logs from network devices and applications, comprising:

a user interface for manually activating and deactivating rule sets having defined rule set criteria and for associating rule set activation keys with said rule sets,
10 wherein said activation keys associate changes in status of said dynamic rule sets; and

program means for receiving said error logs and for each of said rule sets in connection with which activation keys have been associated and whose criteria have been satisfied by said error logs, reading said activation keys and one of either
15 activating or deactivating said dynamic rule sets in accordance with said associated changes in status.

2. The network administration system of claim 1, wherein said program means is implemented via pseudo-code comprising:

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Dynamic rule sets function prog
 Retrieve log
 Compare logs with rule sets
 If rule set fully satisfied
25 If rule set has activation keys
 Go to first activation key
 While activation keys exist
 Set status of specified rule set id
 Go to next activation key
30 endwhile
 endif
 endif

35
End dynamic rule sets function prog

3. A method of activating and deactivating dynamic rule sets in response to receipt of error logs from network devices and applications, comprising the steps of :

activating predetermined rule sets having defined rule set criteria;

associating rule set activation keys with said predetermined rule sets, wherein said activation keys associate changes in status of said dynamic rule sets;

5 receiving said error logs; and

 comparing said error logs with said predetermined rule sets and for each of said rule sets in connection with which activation keys have been associated and whose criteria have been satisfied by said error logs, reading said activation keys and
10 one of either activating or deactivating said dynamic rule sets in accordance with said associated changes in status.

4. A software product for automatically activating and deactivating dynamic rule sets in response to receipt of error logs from network devices and applications,
15 comprising:

 a user interface for manually activating and deactivating rule sets having defined rule set criteria and for associating rule set activation keys with said rule sets, wherein said activation keys associate changes in status of said dynamic rule sets; and
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 program means for receiving said error logs and for each of said rule sets in connection with which activation keys have been associated and whose criteria have been satisfied by said error logs, reading said activation keys and one of either activating or deactivating said dynamic rule sets in accordance with said associated
25 changes in status.

5. The software product of claim 4, wherein said program means is implemented via pseudo-code comprising:

30 Dynamic rule sets function prog
 Retrieve log
 Compare logs with rule sets
 If rule set fully satisfied
 If rule set has activation keys
35 Go to first activation key
 While activation keys exist

5

endif

endif

End dynamic rule sets function prog